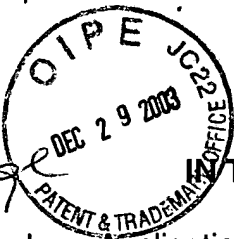


**PATENT**  
Atty. Dkt. SOEI/0037



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Ito, et al.

Serial No.: 09/830,631

**Confirmation No.: 1816**

**Filed: April 30, 2001**

For: Ion Implantation Apparatus

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Group Art Unit: 2881

Examiner: K.T. Nguyen

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING**  
**37 CFR 1.8**

I hereby certify that this correspondence is being deposited on December 23, 2003, with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Date Feb. 23, 2021

Signature

**Dear Sir:**

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

The Applicants, and the Attorney who signs below on the basis of the information supplied by the inventor and the information in his file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Supplemental Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

Applicants certify that all references submitted with this disclosure were cited in a communication from a foreign patent office dated November 14, 2003, which communication is enclosed, not more than three months prior to the filing of this Supplemental Information Disclosure Statement.

If the sum of \$180.00 is due under 37 CFR § 1.17(p) pursuant to § 1.97, the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account No. 20-0782/SOEI/0037/AOP

Respectfully submitted,



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Attorney for Applicant(s)

|                                                          |  |                          |                          |
|----------------------------------------------------------|--|--------------------------|--------------------------|
| U.S. Department of Commerce, Patent and Trademark Office |  | Docket No.               | Serial No.               |
| (PTO Form 1449 modified)                                 |  | SOEI/0037                | 09/830,631               |
| <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>     |  | Applicant<br>Ito, et al. | Confirmation No.<br>1816 |
| (Use several sheets if necessary)                        |  | Filing Date              | Group                    |
| Examiner K.T. Nguyen                                     |  | April 30, 2001           | 2881                     |

**U.S. Patent Documents**

| *Examiner Initial |     | Document Number | Issue Date | Applicant(s) Name | Class | Subclass | Filing Date If Appropriate |
|-------------------|-----|-----------------|------------|-------------------|-------|----------|----------------------------|
|                   | A1  |                 |            |                   |       |          |                            |
|                   | A2  |                 |            |                   |       |          |                            |
|                   | A3  |                 |            |                   |       |          |                            |
|                   | A4  |                 |            |                   |       |          |                            |
|                   | A5  |                 |            |                   |       |          |                            |
|                   | A6  |                 |            |                   |       |          |                            |
|                   | A7  |                 |            |                   |       |          |                            |
|                   | A8  |                 |            |                   |       |          |                            |
|                   | A9  |                 |            |                   |       |          |                            |
|                   | A10 |                 |            |                   |       |          |                            |
|                   | A11 |                 |            |                   |       |          |                            |
|                   | A12 |                 |            |                   |       |          |                            |
|                   | A13 |                 |            |                   |       |          |                            |

**Foreign Patent Documents**

| *Examiner Initial |    | Document Number | Date       | Country      | Class | Subclass | Translation              |                                     |
|-------------------|----|-----------------|------------|--------------|-------|----------|--------------------------|-------------------------------------|
|                   |    |                 |            |              |       |          | YES                      | NO                                  |
|                   | B1 | JP 06 013019    | 01/21/1994 | Japan (Abst) | H01J  | 37/317   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                   | B2 | JP 06 051100    | 02/25/1994 | Japan (Abst) | G21K  | 1/14     | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                   | B3 | JP 04 073847    | 03/09/1992 | Japan (Abst) | H01J  | 37/06    | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|                   | B4 |                 |            |              |       |          | <input type="checkbox"/> | <input type="checkbox"/>            |
|                   | B5 |                 |            |              |       |          | <input type="checkbox"/> | <input type="checkbox"/>            |

**OTHER ART**

| *Examiner Initial |    | Including Author, Title, Date, Pertinent Pages, Etc.                            |
|-------------------|----|---------------------------------------------------------------------------------|
|                   | C1 | Office Action for Korean Patent Application No. 2001-7005121, November 14, 2003 |
|                   | C2 |                                                                                 |
|                   | C3 |                                                                                 |

Examiner

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.